

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number  
**WO 2005/083094 A3**

(51) International Patent Classification<sup>7</sup>: **C12N 15/82**,  
15/55, 9/12, A01H 5/00

(21) International Application Number:  
PCT/EP2005/050874

(22) International Filing Date: 1 March 2005 (01.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
04100814.5 1 March 2004 (01.03.2004) EP  
60/550,918 5 March 2004 (05.03.2004) US

(71) Applicant (for all designated States except US):  
**CROPDESIGN N.V.** [BE/BE]; Technologiepark 3,  
B-9052 Zwijnaarde (BE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **FRANKARD, Valerie**  
[BE/BE]; rue de Percke 78, B-1180 Bruxelles (BE).

(74) Common Representative: **CROPDESIGN N.V.**; Tech-  
nologiepark 3, B-9052 Zwijnaarde (BE).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY,  
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,  
ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- with sequence listing part of description published sepa-  
rately in electronic form and available upon request from  
the International Bureau

(88) Date of publication of the international search report:  
9 February 2006

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: PLANTS HAVING INCREASED YIELD AND METHOD FOR MAKING THE SAME

(57) Abstract: The present invention concerns a method for increasing plant yield, particularly seed yield, comprising introducing into a plant a nucleic acid encoding a CDKD or a functional variant thereof. The invention also provides transgenic plants produced by the methods of the invention and provides constructs useful in methods of the invention.



WO 2005/083094 A3